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Substitute form 1449A

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 4

Complete if Known					
APPLICATION NUMBER	10/776,881				
FILING DATE	02/11/04				
FIRST NAMED INVENTOR	Willson et al.				
Group Art Unit	1762				
Examiner Name	Unassigned				
Attorney Docket Number	PA84-26D27				

				U.S. PATENT DOCUMEN	TS			
Examiner Initials*	Cite No.1	Document Nu Number	mber Kind Code ² (# known)	Name of Patentee or Applicant of Cited Document Publication Data MM-DD-YYYY		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
EL	F1	5,110,514		Soane	5/5/1992	· ·		
	F2	5,259,926		Kuwabara et al.	9/9/1993			
	F3	5,512,131		Kumar et al.	4/30/1996			
	F4	5,545,367		Bae et al.	8/13/1996			
	F5	5,776,748		Singhvi et al.	7/7/1998			
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	F7	6,218,316	B1	Marsh	4/17/2001			
	F8	6,355,198	· B1	Kim et al.	3/12/2002			
	F9	6,035,805		Rust	3/14/2000			
	F10	5,956,216		Chou	9/21/1999			
	F11	5,820,769		Chou	10/13/1998			
	F12	6,916,584	B2	Sreenivasan et al.	7/12/2005			
1	F13	2003/0062334	A1	Lee et al.	4/3/2003			
	F14	6,932,934	B2	Choi et al.	8/23/2005			
	F15	6,849,558	B2	Schaper	2/1/2005			
	F16	6,964,793	B2	Willson et al.	11/15/2005			
	F17	2006/0076717	A1	Sreenivasan et al.	4/13/2006			
4	F18	2006/0077374	A1	Sreenivasan et al.	4/13/2006			

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Substitute	Substitute for form 1449A/PTO			Complete if Known		
			•	APPLICATION NUMBER	10/776,881	
INFO	RMATIOI	N DISCLO	OSURE	FILING DATE	02/11/04	
	STATEMENT BY APPLICANT			FIRST NAMED INVENTOR	Willson et al.	
(L	ise as many shee	ets as necessary)	Group Art Unit	1762	
Sheet	2	of	4 .	Examiner Name	Unassigned.	
	1 2	1 31	1 7	Attorney Docket Number	PA84-26D27	

	1	Document N	umber	1	Publication Date Pages, Columns, Lines,		
Examiner Initials*	niner Cite No.'		Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Publication Date MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
EL	F19	7,077,992	B2	Sreenivasan et al.	7/18/2006		
Æ	F20	2006/0062867	A1	Choi et al.	3/23/2006		

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11	NFORMATIO	N DISCLO	SURE	APPLICATION NUMBER	10/776,881	
S	TATEMENT	BY APPLI	CANT	FILING DATE	02/11/04	
				FIRST NAMED INVENTOR	Willson et al.	
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FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Office	Foreign Patent Docum Number ⁴	mentBG Kind Code ⁸ (if knBown)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Unes, Where Relevant Passages or Relevant Figures Appear	T*
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\neg	F22	JР	1-196749		Matsumoto et al.	8/8/1989		T
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Substitute fo	Substitute for form 1449A/PTO			Com	Complete if Known		
	FORMATION ATEMENT B			APPLICATION NUMBER	10/776,881		
0.	, control c	TAIT LIO	-111	FILING DATE	02/11/04		
(use	e as many sheets	s as necessary,)	FIRST NAMED INVENTOR	Willson et al.		
				Group Art Unit	1762		
Sheet	4	of	4	Examiner Name	Unassigned		
				Attorney Docket Number	PA84-26D27		

OTHER PRIC	OR ART	NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-Issue number(s), publisher, city and/or country where published.					
<u> </u>							
EC	F24	FEYNMAN, There's Plenty of Room at the Bottom, 12/1/1959					
	F25	XIA ET AL., Soft Lithography, Angew. Chem. Int. Ed., pp. 550 - 575 1/1/1998					
Ý	F26	NGUYEN, Asymmetric Fluid-Structure Dynamics in Nanoscale Imprint Lithography, The University of Texas at Austin, pp. 1 - 111 8/1/2001					
	F27	Abstract of Japanese Patent 02-92603, 8/12/2004					
	F28	Abstract of Japanese Patent 02-24848, 1/26/1990					
	F29	GEHOSKI ET AL., Indium Tin Oxide Template Development for Step and Flash Imprint Lithgraphy, SPIE Microlithography Conference 2/1/2005					
	F30	NORDQUIST ET AL., Image Placement Issues for ITO-based Step and Flash Imprint Lithography Templates, J. Vac. Sci. Technol. B, pp. 695-701 3/1/2004					
	F31	DAUKSHER ET AL., Characterization of and Imprint Results Using Indium Tin Oxide-Based Step and Flash Imprint Lithography Templates, J. Vac. Sci. Technol. B 20(6), pp. 2857-2861 11/1/2002	1				
+	F32	COLBURN ET AL., Dissertation for the Degree of Doctor of Philosophy, Step and Flash Imprint Lithography: A Low-Pressure, Room-Temperature Nanoimprint Lithography 8/1/2001					

Examiner Signature	En/a	Date Considered	9/29/07

^{*}Examiner: Initial if reference considered, whether or not citation is in conformance with MPER.609. Draw line through citation if not in conformance

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Substitute for form 1449A/PTO			-	Comple	Complete if Known		
	FORMATIO			APPLICATION NUMBER	10/776,881		
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Chart			<u> </u>	Group Art Unit	1762		
Sheet	1	of_	2	Examiner Name	Unassigned		
				Attorney Docket Number	PA84-26D27		

Examiner	Cile No.	U.S. Palent D		Name of Patentee or Applicant	Date of Publication of	Peges, Columns, Unes,
Inidals*	Cae no.	Number	(If Isnawn)	of Citod Document	Clical Document MM+QD-YYYY	Where Relevant Passages or Relevant Figures Appear
60	C E1	5,669,303	T	Maracas et al.	9/23/1997	·
<u> </u>				<u> </u>		
-+	E2 .	5,670,415	4	Rust	9/23/1997	
\perp	E3	5,855,686	<u> </u>	Rust .	1/5/1999	
	E4	6,948,219		Rohner	9/7/1929	
	E5	8,873,087		Choi et al.	3/29/2005	
	E6	2004/0250945		Zheng et al.	12/16/2004	
	E7	2005/0037143		Chou et al.	2/17/2005	
	· E8	2005/0082253		Cherala et al.	4/21/2005	
	E9	3,757,846		Herman, Jr.	9/11/1973	
•	E10	4,512,386		Haller	4/23/1985	
•	E11	6,900,881		Sreenivasan et al.	5/31/2005	
∜	E12	6,908,861		Sreenivasan et al.	6/21/2005	
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Substitute for	form 1449A/F	πο		Complete if Known		
	ORMATION ATEMENT B			APPLICATION NUMBER	10/776,881	
4.7	···			FILING DATE	02/11/2004	
(use	as many sheets	as necessar	y)	FIRST NAMED INVENTOR	Willson et al.	
				Group Art Unit	1762	
Sheet 2 of			2	Examiner Name	Unassigned	
				Attorney Docket Number	PA84-26D27	

OTHER PRIC	OR ART	- NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Citq No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.); data, page(s), volume-issue number(s) publisher, city and/or country where published.						
EC	E13	APPLICATION NO. 11/126,946, naming inventors Choi et al., entitled Formation of Discontinuous Films During an Imprint Lithography Process, filed 5/11/2005						
	E14	APPLICATION NO. 11/127,041, naming inventors Sreenivasan et al., entitled Step and Repeat Imprint Lithography Processes, filed 5/11/2005						
4	E15	APPLICATION NO. 11/127,080, naming inventors Sreenlyasan et al., entitled Step and Repeat Imprint Lithography Systems, filed 5/11/2005						
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Examiner Signature	Enla	Date Considered	9/29/07
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Substitute fo	or form 1449	VPTO		Complete if Known		
				APPLICATION NUMBER	10/776,881	
	ORMATIO			FILING DATE	02/11/2004	
STA	TEMENT	BY APPL	JCAN I	FIRST NAMED INVENTOR	Willson et al.	
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Sheet 1 of 7			7	Examiner Name	Unassigned	
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		U.S. Patent Dopument		Name of Patentee or Applicant	Date of Publication of	Pagies, Columns, Lines. Where Relevent	
Experiment Experiment	No.	Number (If known)		of Cited Document	Ched Document	Passages or Referent Figures Appear	
FL	C1	4,731,155	T	Napoli et al.	3/15/1988		
	C2	5,42S,848		Halsma et al.	6/20/1995		
	C3	5,772,905		Chou	8/30/1998		
	C4	6,309,580	B1	Chou	10/30/2001		
	C5	6,334,960	B1	Willson et al.	1/1/2002		
	C6	6,517,977	B2	Resnick et al.	2/11/2003		
	C 7	6,696,220	82	Bailey et al.	2/24/2004	·	
,	æ	2004/0007799	A1	Choi et al.	1/15/2004		
	æ	2004/0021254	A1	Sreenivasan et al.	2/5/2004	·	
	C10	2004/0021868	A1	Watts et al.	2/5/2004		
\neg	C11	2004/0022888	A1	Sreenivasan et al.	2/5/2004		
	C12	2002/0177319	A1	Chou	11/28/2002	•	
	C13	2003/0215577	A1	Willson et al.	11/20/2003		
	C14	2004/0008334	A1	Sreenivasan et al.	1/15/2004		
	· C15	2004/0009673	A1	Sreenivasan et al.	1/15/2004.		
	C18	2004/0124566	A1	Sreenivasan et al.	7/1/2004		
7	C17	8,646,662	B1	Nebashi ot al.	11/11/2003	·	
t	C18	6,778,094	B1	Whitesides et al.	8/17/2004		

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	DRMATIO			FILING DATE	02/11/2004	
SIA	TEMENT	BY APPL	ICAN I	FIRST NAMED INVENTOR	Willson et al.	
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Sheet 2 of 7		Examiner Name	Unassigned			
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Examiner hidule"			Kind Code (# known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-CD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	C19	6,518,189	B1	Chou	2/11/2003	
Ec	+		- 	 		
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	C21	2002/0167117	A1	Chou	11/14/2002	•
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	C27	8,809,356	B2	Chou	10/26/2004	
	C20	2004/0197843	A1	Chou et al.	10/7/2004	
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	C310	2004/0137734	A1 .	Chou et al.	7/15/2004	
	C31	2004/0131718	A1	Chou et al.	7/8/2004	
	C32	2004/0118809	Af	Chou et el.	6/24/2004	
	C33	2004/0046288	A1	Chou	3/11/2004	
	C34	2003/0080472	A1	Chou	5/1/2003	
	C35	2003/0034329	A1	Chou	2/20/2003	
V	C38	2002/0042027	A1	Chou et al.	4/11/2002	

Examiner 9/29/07 Considered Signature

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			20125	APPLICATION NUMBER	10/776,881	
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Initials	Cite No.1	Number-Kind Code ^{2 (Finom)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Rolevan Figures Appear
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	D3	U\$-4,982,796	01-08-1991	Lari et al.	
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szeriner idaly*	Cite No.*	U.S. Patent Do	Kind Code ³ (# known)	U.S. PATENT DOCUMEN Name of Patentee or Applicans of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columnia, Linus, Where Relevant Passages or Pustovant Figures Appear
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